

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016639**Date Inspected:** 02-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Listed below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

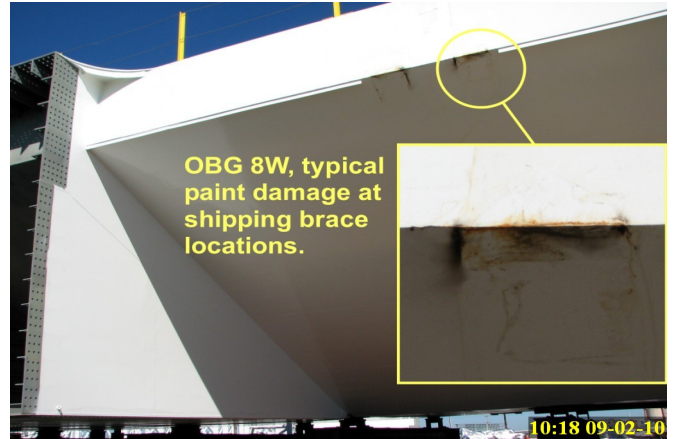
The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI was given the formal copy of the contractor's welding report submittal # 1536 Rev. 20, to review for conformance to the contract requirements. The QAI has previously conducted a courtesy review of this submittal and began conducting the formal review. The QAI completed the formal review of the contractor's submittal #1536 Rev. 19. See the appropriate TL-20 report for additional information. The QAI continued consolidating the information from previous welding report submittals to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the contractor's welding reports.

The QAI accompanied Caltrans personnel Thanh Le, David Bradd, ABF representatives Chuck Kanapicki, Leonard Cross, Mike Johnson, the QAIs Robert Mertz and the QAI Lead Bill Levell in conducting the post arrival inspection of voyage 4 components. Voyage 4 contained OBG segments 7E, 7W, 8E, 8W and Crossbeams 7, 8, 9 and 10. The persons mentioned split into groups and began the post arrival inspection of OBG 8W. During the inspection, the QAI noted that painted surfaces have been marred where there is contact with shipping supports. The QAI also noted that there is significant waviness at Crossbeam 9 extension / splice plates, this did not appear to be a result of shipping damage. There was no other shipping related damage observed during this inspection. The QAI noted that OBG 7W has not been examined for post arrival inspection and is not ready at this time. See the attached photos.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. As noted above, the QAI had conversations regarding the post arrival inspection of OBG 8W and it's apparent condition. The QAI also relayed the status of the submittal reviews to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations or observations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi, (916)813-3677,, who represents the Office of Structural Materials for your project.

Inspected By:	Croff,Scott	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
